



SEQUENCE LISTING

Kroczek, Richard

<120> COSTIMULATING POLYPEPTIDE OF T CELLS,
MONOCLONAL ANTIBODIES, AND THE PREPARATION AND USE THEREOF

<130> 7853-267-999

<140> 10/647,072
<141> 2003-08-22<150> 09/509,283
<151> 2000-08-11<150> PCT/DE98/02896
<151> 1998-09-23<150> DE 19821060.4
<151> 1998-05-11<150> DE 19741929.1
<151> 1997-09-23

<160> 7

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<223> 8F4 DNA sequence

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Met Lys Ser Gly Leu Trp Tyr Phe Phe Leu Phe Cys Leu Arg
1 5 10

att aaa gtt tta aca gga gaa atc aat ggt tct gcc aat tat gag atg 157
Ile Lys Val Leu Thr Gly Glu Ile Asn Gly Ser Ala Asn Tyr Glu Met
15 20 25 30

ttt ata ttt cac aac gga ggt gta caa att tta tgc aaa tat cct gac 205
Phe Ile Phe His Asn Gly Val Gln Ile Leu Cys Lys Tyr Pro Asp
35 40 45

att gtc cag caa ttt aaa atg cag ttg ctg aaa ggg ggg caa ata ctc 253
Ile Val Gln Gln Phe Lys Met Gln Leu Leu Lys Gly Gly Gln Ile Leu
50 55 60

tgc gat ctc act aag aca aaa gga agt gga aac aca gtg tcc att aag 301

Cys	Asp	Leu	Thr	Lys	Thr	Lys	Gly	Ser	Gly	Asn	Thr	Val	Ser	Ile	Lys	
65							70						75			
agt	ctg	aaa	tcc	tgc	cat	tct	cag	tta	tcc	aac	aac	agt	gtc	tct	ttt	349
Ser	Leu	Lys	Phe	Cys	His	Ser	Gln	Leu	Ser	Asn	Asn	Ser	Val	Ser	Phe	
80							85						90			
ttt	cta	taa	ttc	tgc	cat	tct	cat	gcc	aac	tat	tac	ttc	tgc	aac		397
Phe	Leu	Tyr	Asn	Leu	Asp	His	Ser	His	Ala	Asn	Tyr	Tyr	Phe	Cys	Asn	
95							100						105			110
cta	tca	att	ttt	gat	cct	cct	ttt	aaa	gta	act	ctt	aca	gga	gga		445
Leu	Ser	Ile	Phe	Asp	Pro	Pro	Phe	Lys	Val	Thr	Leu	Thr	Gly	Gly		
							115						120			125
tat	ttg	cat	att	tat	gaa	tca	caa	ctt	tgt	tgc	cag	ctg	aag	ttc	tgg	493
Tyr	Leu	His	Ile	Tyr	Glu	Ser	Gln	Leu	Cys	Cys	Gln	Leu	Lys	Phe	Trp	
							130						135			140
tta	ccc	ata	gga	tgt	gca	gcc	ttt	gtt	gta	gtc	tgc	att	ttg	gga	tgc	541
Leu	Pro	Ile	Gly	Cys	Ala	Ala	Phe	Val	Val	Val	Cys	Ile	Leu	Gly	Cys	
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ata	ctt	att	tgt	tgg	ctt	aca	aaa	aag	aag	tat	tca	tcc	agt	gtg	cac	589
Ile	Leu	Ile	Cys	Trp	Leu	Thr	Lys	Lys	Lys	Tyr	Ser	Ser	Ser	Val	His	
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gac	cct	aac	ggg	gaa	tac	atg	ttc	atg	aga	gca	gtg	aac	aca	gcc	aaa	637
Asp	Pro	Asn	Gly	Glu	Tyr	Met	Phe	Met	Arg	Ala	Val	Asn	Thr	Ala	Lys	
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aaa	tct	aga	ctc	aca	gat	gtg	acc	cta	taa	tatggaaactc	tggcacccag					687
Lys	Ser	Arg	Leu	Thr	Asp	Val	Thr	Leu	*							
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<213> Homo sapiens

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Phe His Asn Gly Gly Val Gln Ile Leu Cys Lys Tyr Pro Asp Ile Val
35 40 45
Gln Gln Phe Lys Met Gln Leu Leu Lys Gly Gly Gln Ile Leu Cys Asp
50 55 60
Leu Thr Lys Thr Lys Gly Ser Gly Asn Thr Val Ser Ile Lys Ser Leu
65 70 75 80
Lys Phe Cys His Ser Gln Leu Ser Asn Asn Ser Val Ser Phe Phe Leu
85 90 95
Tyr Asn Leu Asp His Ser His Ala Asn Tyr Tyr Phe Cys Asn Leu Ser
100 105 110
Ile Phe Asp Pro Pro Phe Lys Val Thr Leu Thr Gly Gly Tyr Leu
115 120 125
His Ile Tyr Glu Ser Gln Leu Cys Cys Gln Leu Lys Phe Trp Leu Pro
130 135 140
Ile Gly Cys Ala Ala Phe Val Val Val Cys Ile Leu Gly Cys Ile Leu
145 150 155 160
Ile Cys Trp Leu Thr Lys Lys Lys Tyr Ser Ser Ser Val His Asp Pro
165 170 175
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180 185 190
Arg Leu Thr Asp Val Thr Leu
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<213> Artificial Sequence

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17

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<222> 3, 9, 15

<223> n = A,T,C or G

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<210> 5

<211> 7

<212> PRT

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<223> peptide found in 8F4-29 kDa sample

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<210> 6

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<213> Homo sapiens

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Phe Asp Pro Pro Pro Phe
1 5

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